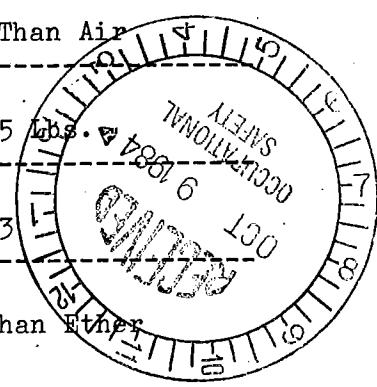


OPM 3025
Catalyst



***** SECTION IV-FIRE AND EXPLOSION DATA *****

DOT Category Flammable Liquid
OSHA Category Flammable Liquid Class I

Flash Point (Closed Cup) 22° F.
 -5.6° C.

Lower Explosive Limit See II

EXTINGUISHING MEDIA: Use National Fire Protection Association Class B extinguishers (carbon dioxide, dry chemical or foam).

UNUSUAL FIRE AND EXPLOSION HAZARDS: During a fire irritating and/or toxic gases and aerosols from the decomposition/combustion products may be present.

SPECIAL FIRE FIGHTING PROCEDURES: Full emergency equipment should be worn. Spray drums of material involved in fire but not themselves on fire with water to minimize risk of rupture.

***** SECTION V-HEALTH HAZARD DATA *****

THRESHOLD LIMIT VALUE: See II (Not Established for Product)

EFFECTS OF OVEREXPOSURE: Inhalation: Anesthetic. Irritation of the respiratory tract or acute nervous system depression characterized by headache, dizziness, staggering gait, confusion, unconsciousness or coma.

Inhalation of isocyanates can cause allergic sensitization. Symptoms may include mucous membrane irritation, tightness of chest, irritation of respiratory tract, coughing, headache and shortness of breath. Asthma-like attacks may follow.

SKIN OR EYE CONTACT: Primary irritation. Skin sensitization possible.

EMERGENCY AND FIRST AID PROCEDURES: Remove contaminated clothing. Inhalation: Remove from exposure. Restore breathing. Keep warm and quiet. Notify a physician. Skin contact: Wash affected areas with water. Consult a physician. Eye contact: Flush with water for 15 minutes. Consult a physician. Ingestion: Consult a physician.

***** SECTION VI-REACTIVITY DATA *****

STABILITY: Unstable X Stable

INCOMPATIBILITY (Materials to Avoid): Avoid contact with water, alcohols, amines, and other materials which react with isocyanates.

HAZARDOUS DECOMPOSITION PRODUCTS: By fire CO₂, CO, Oxides of Nitrogen, possibility of cyanides.

Hazardous Polymerization May occur X Will not occur

Conditions to Avoid:

***** SECTION VII-SPILL OR LEAK PROCEDURES *****

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Cover the spill with absorbent material, such as sand, sweeping compound or diatomaceous earth; collect material in open top drum and take to isolated area, out of doors preferred, fill drum with water; neutralize spill area with dilute solution of ammonium hydroxide.

WASTE DISPOSAL METHOD: Waste material can be incinerated or disposed of in accordance with Federal, State or Local regulations regarding environmental control after allowing time for reaction with water.

***** SECTION VIII-SPECIAL PROTECTION INFORMATION *****

RESPIRATORY PROTECTION: Use a respirator that is approved or recommended for use in isocyanate containing environments (air purifying or fresh air supplied)

VENTILATION: Where employees may be exposed, provide general dilution or local exhaust ventilation in volume and pattern to keep TLV of hazardous ingredients in Section II below recommended (ACGIH) or regulated (OSHA) limit. Where employees will not be exposed, keep LEL in Section II below 25% of limit.

PROTECTIVE GLOVES: Recommended X Required

EYE PROTECTION: Splash-proof goggles.

OTHER PROTECTIVE EQUIPMENT: A safety shower, an eye bath, and washing facilities should be available.

***** SECTION IX-SPECIAL PRECAUTIONS *****

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep away from heat, sparks, and open flame. Store in tightly closed container and protect from moisture and foreign materials. At max. storage temperature noted, material may slowly polymerize without hazard. Ideal storage temperature range is 10°C. - 27°C. (50°F. - 81°F.)

OTHER PRECAUTIONS: Prevent prolonged skin contact with contaminated clothing.

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